

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/08842

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 E03C1/086

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E03C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CH 380 042 A (KARRER WEBER & CIE AG) 15 July 1964 (1964-07-15)  the whole document	1,2,5,8, 12, 15-17,27
X	DE 38 35 143 A (WOLFGANG PFEIL GMBH) 19 April 1990 (1990-04-19) column 2, line 33 - line 60; figure	1,3-6,8, 12,16,27
X	US 2002/079471 A1 (SHEN CHUNG-SHAN) 27 June 2002 (2002-06-27) figure 3	1-10,12, 27
A	DE 198 51 151 A (GROHE KG HANS) 11 May 2000 (2000-05-11) column 3, line 47 -column 4, line 18; figures 5-8	13-15

☐ Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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\*&\* document member of the same patent family

Date of the actual completion of the international search

25 November 2003

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02/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

De Coene, P

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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PCT/EP 03/08842

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CH 380042	A	15-07-1964	NONE	
DE 3835143	A	19-04-1990	DE 3835143 A1	19-04-1990
US 2002079471	A1	27-06-2002	NONE	
DE 19851151	A	11-05-2000	DE 19851151 A1	11-05-2000